



RESCUE HOIST MODEL 44301

A RUGGED, RELIABLE RESCUE HOIST

When lives are on the line, proven performance means everything

Helicopter owners seeking superior performance, reliability and capability – as well as low cost of ownership – can count on Collins Aerospace's Goodrich® rescue hoist.

Externally mounted, electrically powered rescue hoist model 44301 utilizes the Collins Aerospace proprietary translating drum cable management system. The hoist design also incorporates a Weston-style load brake and overload slip clutch for added safety. The lubricated cable extends cable life and helps arrest corrosion of the cable drum.



KEY FEATURES & BENEFITS

- Capable of high fleet angle allowing hoist operation in high winds or other circumstances requiring an off-angle lift
- Most installations feature a Collins-designed electric powered rotating boom for easy deployment and recovery of a stretcher (both left and right side installations available)
- Single point payout reduces potential for hoist-induced load swings
- Continuous operational duty cycles allow for multiple victim rescues without a cool-down period
- Worldwide field engineering services available

GENERAL SPECIFICATIONS

| | |
|------------------------|--------------------------------------------------------------------------------------------|
| Height | 12.32 in. (312 mm) |
| Width | 8.75 in. (222 mm) |
| Weight | 92.11 lb. (41.7 kg) |
| Hoist Length | 31.75 in. (806 mm) |
| Cable Length | 300 ft. (91 m) |
| Cable Diameter | 3/16 in. per MIL-W-83140 |
| Maximum Lift Load | 600 lb. (272 kg) |
| Overtension Load Limit | 1275 lb. (544 kg) |
| Limit Load | 1500 lb. (680 kg) |
| Ultimate Load | 2250 lb. (1020 kg) |
| Input Power | 28 VDC/125 amps maximum |
| Lowering Speed | 275 fpm (83.8 m/min) @ 600 lb. (272.1 kg) 240 fpm (73.1 m/min) @ 300 lb. (136 kg) |
| Raising Speed | 150 fpm (45.7 m/min) @ 600 lb. (272.1 kg) 240 fpm (73.1 m/min) @ 300 lb. (136 kg) |

DESIGN FEATURES

- Hour meter or event counter logs total time
- Emergency cable cut on pendant
- Redundant limit and decel switches
- Night vision compatible controls
- Cable length display on operator's pendant
- Intercom switch on pendant
- Pendant lighting includes "Overtemp" or "Caution" indicators

Rescue Hoist Model 44301 is available on the following aircraft models:

- Airbus H135, H145 and UH-72 Lakota
- Hafei H410/H425
- Changhe AC313
- Eurocopter EC135, EC145
- MBB/Kawasaki BK117

Specifications subject to change without notice.



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